

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Chow et al.  
Serial No. NA  
Filed: NA  
For: NANOSIZE PARTICLE COATINGS  
MADE BY THERMALLY SPRAYING  
SOLUTION PRECURSOR FEEDSTOCKS

Examiner: NA  
Group Art Unit: NA  
Sept. 17, 2001

#2 / PRE-AMEND  
A  
C. Que  
4/19/02

**PRELIMINARY AMENDMENT**

Honorable Commissioner of Patents  
Washington, DC 20231

**BEST AVAILABLE COPY**

Sir:

In filing this divisional patent application, please make the following amendments in the attached specification and the claims:

in the specification:

At page 1, line 5, please insert the following:

~~CROSS REFERENCE TO RELATED APPLICATION~~

This application is a Continuation-In-Part of co-pending application Serial No. 09/019,061, filed Feb. 5, 1998, which issued as US Patent 6,025,034, by Strutt et al, which is a continuation of Application No. 08/558,133 filed Nov. 13, 1995, now abandoned.

Please replace the paragraph beginning at page 11, line 13, with the following rewritten paragraph:

~~Fig. 2 illustrates how the gradient can be finely controlled to change from one composition to another by using the solution precursors. The three component layer shown in Fig. 2 also illustrates how the three layers can be built up with good adherence between the layers due to the gradient transition between them. When coating A is alumina, it provides good adherence to the substrate. When coating B is zirconia, it provides thermal resistance~~